Program Area 1: Water Resources and Quality Improvement

Goal	Outputs (Activities, efforts, and/or work product during project period)	Outcomes (Environmental Results)	
		Short Term (1-5 years)	Long Term (5-20+ years)
1.1 Support regional water quality improvement planning and policies	Work with watershed stakeholders to develop, implement, and oversee projects that meet BRP objectives and priorities, and achieve TMDL waste load and load allocation targets. Engage with County staff to identify collaborative opportunities, and attend IRWMP meetings to provide technical support to IRWMP	Achieve percentage load reduction targets according to TMDL compliance timeline Achieve predicted loading reduction through full implementation of the bond-funded (Prop. 84) projects. More state funding for IRWMP recommended projects	Full compliance with all TMDLs Full funding for IRWMP recommended projects and improvements in water quality through implementation of funded projects
1.2 Improve water quality through pollution control and prevention	Develop and distribute outreach materials in support of the Boater Education Program Encourage participants in the Honey Pot Program to reduce wastewater discharge Maintain certification of 350 Clean Bay establishments, including three ReThink Disposable certifications and multiple Table-to-Farm restaurants	Increase understanding of green infrastructure contributions to pollutant reductions Increased adoption of sustainable boating habits and understanding of impact of boating on aquatic environment to decrease boating related pollutants of concern entering waterways Decrease pathogens entering Santa Monica Bay Increase in organics (e.g. food waste) management Decrease in presence of litter prone food packaging in marine debris	Full compliance with all TMDLs

Program Area 2: Natural Resource Protection and Habitat Restoration

Goal	Outputs (Activities, efforts, and/or work product during project period)	Outcomes (Environmental Results)	
		Short Term (1-5 years)	Long Term (5-20+ years)
2.1 Support natural resource protection policies and programs	Conduct quarterly aerial surveys and produce an annual report on boating activities in the Southern California Bight Develop finalized ROV operation and monitoring protocols	Enhance understanding of boating activities and practices (geographically) in Southern California Enhance understanding of nearshore and marine environments (e.g. eelgrass, deep reefs) and fill data gaps for State of the Bay Report and Comprehensive Monitoring Program Map existing extent of eelgrass beds in the Bay to inform restoration methods and locations	Enhance functions and conditions of nearshore and marine environments (e.g. eelgrass, deep reefs) in the Bay Restore several acres of eelgrass to the Bay
2.2 Restore wetlands and streams	Provide technical assistance to lead agencies (CDFW and Army Corps) for the development of the Final EIS/R for the Ballona Wetlands Restoration Project Conduct ongoing invasive plant removal efforts and biological monitoring at the Ballona Wetlands Ecological Reserve in a 3-acre area Conduct ongoing invasive plant removal efforts and long-term biological, physical, and chemical monitoring at Malibu Lagoon Complete the Wetland Program Development Grant to consolidate regional Level 3 wetland monitoring data Conduct ongoing invasive plant removal efforts and monitoring at Stone Canyon	Enhance 3 acres of wetland and transition habitat through invasive species removal and native vegetation planting Assist lead agencies in finding funding to restore the Ballona Wetlands Ecological Reserve Maintain the 12-acre restoration project at Malibu Lagoon as an ecological functioning, native wetland and adjacent habitat system Enhance statewide understanding of coastal wetland systems and assist with the standardization of wetland monitoring Maintain an ecologically functioning, native stream reach (approximately 200 m) at UCLA's Stone Canyon Creek	Restore 577-acre Ballona Wetlands Ecological Reserve to improve wetland, transition, and upland habitats, functions, and services Create public access trails and bike paths to encourage recreation at the Ballona Wetlands Ecological Reserve Maintain and expand the 12-acre restoration project at Malibu Lagoon as an ecological functioning, native wetland and adjacent habitat system Maintain an ecologically functioning, native stream reach (> 200 m) at UCLA's Stone Canyon Creek Determination on if NZMS impacts are severe enough to warrant the use of

	Creek Conduct biennial New Zealand mudsnail (NZMS) survey in the Santa Monica Mountains.	Enhanced understanding of spread of invasive species and impacts to native species.	biological control methods.
2.3 Restore coastal bluffs, dunes, and sandy beaches	Assist LAWA in meeting the Coastal Development Permit for LAX Dunes 6-acre parcel area through biological monitoring and invasive plant removal Conduct monthly invasive plant removal efforts at LAX Dunes within the 48-acre northern dune area Continue long-term monitoring and maintenance of Santa Monica Pilot Project to inform beach restoration to improve coastal resilience Develop restoration and monitoring plans, conduct community engagement, and obtain necessary permits to begin implementation of the Malibu Living Shorelines Project	Restore and maintain 6 acres of LAX Dune Preserve to improve native dune functions and provide habitat for rare species Increase coastal access and stewardship opportunities at dune and beach habitats for underserved communities Restore 3 acres of ecologically functioning coastal strand and dune habitat along Santa Monica Bay beaches to increase coastal resilience and as habitat for rare species Increase regional understanding of beaches as adaptive management strategies for climate change stressors through long-term monitoring and targeted research	Restore 48 acres of LAX Dune Preserve system to improve native dune functions and provide habitat for rare species Restore 10 acres of ecologically functioning coastal strand and dune habitat along Santa Monica Bay beaches to increase coastal resilience and as habitat for rare species
2.4 Restore rocky intertidal and subtidal habitats	Conduct urchin culling and pre- and post-restoration compliance monitoring for 3-5 kelp restoration sites Conduct quarterly monitoring of green and red abalone outplanting locations Maintain and support Abalone Research Laboratory	Restore 20 acres of kelp forest to improve habitat functions, local fisheries, and coastal resilience Inform Abalone Recovery and Management Plan (ARMP) through monitoring Spawn and rear red and green abalone larvae and juveniles to conduct restoration efforts Acquire endangered species permit to begin	Restore 150 acres of kelp forest to improve habitat functions, local fisheries, and coastal resilience Establish 2-3 minimally viable green and red abalone populations (at least 2,000 abalone per hectare) in the Bay Establish 1-2 viable white abalone populations (at 2,000 abalone per hectare) in the Bay

		rearing and outplanting of endangered white abalone in southern California	

Program Area 3: Natural Resource Protection and Habitat Restoration

Goal	Outputs (Activities, efforts, and/or work product during project period)	Outcomes (Environmental Results)	
		Short Term (1-5 years)	Long Term (5-20+ years)
3.1 Promote climate change adaptation	Climate change adaption needs and strategies incorporated in the newly revised BRP More accurate and fine-scale data on ocean acidification and improved regional OA models Study one additional kelp forest hydrodynamic study site	Increased understanding in the extent of climate change impacts and community support for climate change adaptation planning Increased understanding on the extent and impacts of ocean acidification Increased understanding of kelp forest influence on wave attenuation and ocean chemistry	Increased commitment and implementation by local communities in implementing climate change adaptation plans Development and implementation of adaptation strategy addressing impacts of ocean acidification
3.2 Conduct public outreach and increase collaborations	Produce and update documents to inform the public and media about SMBNEP activities Formalize student internship program through LMU's Coastal Research Center and conduct research projects Support EPA and stakeholder partners for implementation of BRP objectives addressing seafood contamination on PV Shelf	Increased understanding and stewardship of Bay and watershed habitats through outreach Increase capacity of partnerships with university faculty to collect data and implement the Comprehensive Monitoring Program New EPA assessment and remediation plan for sediment contamination on PV Shelf	Increased understanding and stewardship of Bay and watershed habitats Implementation of the Comprehensive Monitoring Program Decrease in sediment and seafood contamination on PV Shelf as demonstrated by site-specific monitoring data
3.3 Support planning,	Draft, finalize, and release annual report, semi-annual reports, GRPA report, Baywire, press releases, and updated websites and online resources Engage in partnerships that leverage BRP objectives Support legislation for public funding of BRP project related priorities	Broader awareness of SMBNEP activities and resources (technical, financial, planning expertise, etc.), leading to greater awareness of Bay issues within the region, increased visibility of programs and projects, increased potential for scientific understanding and partnership development, and increased financial support as leveraged resources Increased ongoing and project specific	Increased stable ongoing, project specific, and permanent funding sources that meet BRP objectives Increased scope and effectiveness of BRP objectives Increased understanding of the Bay's habitat conditions and the causes of improvement/decline as

monitoring, and organizational management	Updated Comprehensive Monitoring Program. New monitoring funding and partnership identified. New monitoring requirements incorporated into NPDES permits Support SMBNEP partner entities meetings	funding sources to meet BRP objectives Increased scope and effectiveness of BRP objectives Increased funding and in-kind services for monitoring program implementation Increased member and stakeholder involvement to BRP objectives and projects	demonstrated by comprehensive monitoring data Increased member and stakeholder involvement to BRP objectives and projects